

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018682.D
 Acq On : 25 Jun 2024 11:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 26 02:33:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	135752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	216047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59803	43.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.520%		
35) Dibromofluoromethane	7.704	113	67339	51.095	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.180%		
50) Toluene-d8	10.173	98	263192	51.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.477	95	76557	47.836	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	51769	57.901	ug/l	98
3) Chloromethane	2.107	50	80035	43.463	ug/l	95
4) Vinyl Chloride	2.241	62	105280	46.166	ug/l	98
5) Bromomethane	2.643	94	76074	44.881	ug/l	99
6) Chloroethane	2.778	64	71350	47.761	ug/l	96
7) Trichlorofluoromethane	3.107	101	130959	53.328	ug/l	92
8) Diethyl Ether	3.515	74	34796	49.694	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	73114	56.982	ug/l	98
10) Methyl Iodide	4.070	142	90077	57.950	ug/l	98
11) Tert butyl alcohol	4.942	59	20251	82.374	ug/l #	78
12) 1,1-Dichloroethene	3.857	96	68684	53.266	ug/l	97
13) Acrolein	3.716	56	14067	177.981	ug/l	99
14) Allyl chloride	4.460	41	87286	50.212	ug/l	99
15) Acrylonitrile	5.143	53	68252	219.113	ug/l	97
16) Acetone	3.930	43	69689	250.621	ug/l	92
17) Carbon Disulfide	4.180	76	185580	47.568	ug/l	98
18) Methyl Acetate	4.460	43	30951	43.883	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	163835	47.632	ug/l	99
20) Methylene Chloride	4.698	84	82712	47.887	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	79650	54.263	ug/l	89
22) Diisopropyl ether	6.106	45	191550	48.810	ug/l	96
23) Vinyl Acetate	6.045	43	739742	203.572	ug/l	98
24) 1,1-Dichloroethane	5.997	63	128859	50.967	ug/l	99
25) 2-Butanone	6.966	43	91277	218.991	ug/l	92
26) 2,2-Dichloropropane	6.966	77	112336	52.737	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	94068	53.056	ug/l	98
28) Bromochloromethane	7.326	49	48850	47.140	ug/l	92
29) Tetrahydrofuran	7.338	42	53393	208.740	ug/l	98
30) Chloroform	7.490	83	142610	51.758	ug/l	99
31) Cyclohexane	7.777	56	99115	47.342	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	128007	54.685	ug/l	98
36) 1,1-Dichloropropene	7.905	75	102267	56.374	ug/l	98
37) Ethyl Acetate	7.057	43	36680	42.893	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113165	59.460	ug/l	96
39) Methylcyclohexane	9.173	83	127774	57.484	ug/l	98
40) Benzene	8.149	78	313372	55.856	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18646m	43.352	ug/l	
42) 1,2-Dichloroethane	8.228	62	75856	51.826	ug/l	99
43) Isopropyl Acetate	8.264	43	74205	46.491	ug/l #	85
44) Trichloroethene	8.935	130	85820	58.427	ug/l	96
45) 1,2-Dichloropropane	9.209	63	68673	53.531	ug/l	97
46) Dibromomethane	9.301	93	42157	52.961	ug/l	98
47) Bromodichloromethane	9.490	83	108590	57.158	ug/l	97
48) Methyl methacrylate	9.289	41	34227	47.633	ug/l	97
49) 1,4-Dioxane	9.289	88	9628	919.690	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	191073	227.267	ug/l	99
52) Toluene	10.240	92	204116	56.667	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	93080	56.064	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	114293	57.046	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	57564	54.371	ug/l	96
56) Ethyl methacrylate	10.508	69	69439	50.121	ug/l	96
57) 1,3-Dichloropropane	10.782	76	92754	52.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	155843	233.011	ug/l	95
59) 2-Hexanone	10.825	43	135574	230.212	ug/l	99
60) Dibromochloromethane	10.983	129	76096	57.859	ug/l	98
61) 1,2-Dibromoethane	11.087	107	53592	54.772	ug/l	98
64) Tetrachloroethene	10.715	164	80911	59.695	ug/l	99
65) Chlorobenzene	11.514	112	227826	58.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	77626	59.006	ug/l	99
67) Ethyl Benzene	11.587	91	382789	56.196	ug/l	96
68) m/p-Xylenes	11.697	106	298801	112.732	ug/l	96
69) o-Xylene	12.026	106	140039	54.942	ug/l	100
70) Styrene	12.038	104	233262	55.397	ug/l	99
71) Bromoform	12.203	173	43372	60.083	ug/l #	97
73) Isopropylbenzene	12.325	105	361301	53.386	ug/l	97
74) N-amyl acetate	12.142	43	59793	43.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	54807	45.608	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	35472m	40.802	ug/l	
77) Bromobenzene	12.605	156	90083	57.556	ug/l	86
78) n-propylbenzene	12.672	91	405476	51.194	ug/l	95
79) 2-Chlorotoluene	12.758	91	226818	50.732	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	286326	53.382	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16653	50.174	ug/l	96
82) 4-Chlorotoluene	12.849	91	230939	51.295	ug/l	94
83) tert-Butylbenzene	13.075	119	273106	55.014	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	283934	52.963	ug/l	98
85) sec-Butylbenzene	13.251	105	378407	53.446	ug/l	95
86) p-Isopropyltoluene	13.367	119	333807	55.611	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	176061	55.771	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	170718	55.109	ug/l	99
89) n-Butylbenzene	13.696	91	284728	52.627	ug/l	97
90) Hexachloroethane	13.959	117	61835	56.708	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	150503	55.809	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7677	44.119	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	93566	62.277	ug/l	98
94) Hexachlorobutadiene	15.111	225	54302	70.343	ug/l	98
95) Naphthalene	15.233	128	151203	53.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	75881	59.775	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

